

**Probabilistic Risk Assessment Input to
Decommissioning Requirements**

NRC/Industry/Public Workshop

**Risk-Informed Basis for Decommissioning
Exemption Guidance**

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Heavy Load Drops

- **Only single-failure-proof (SFP) crane load drops need to be considered since consequence analyses must be performed prior to using non-SFP Cranes**

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Heavy Load Drops

- Conservatism (continued)
 - Qualitatively lower failure probability should be assigned to high profile lifts due to increased oversight
 - Technical Specification or FSAR controls
 - SFP crane
 - Analysis and procedural controls
 - Enhanced management oversight
 - Safe load paths and verified rigging
 - Crane operator training and pre-job briefing

Heavy Load Drops

- Conservatism (continued)
 - The assumption that “one-in-ten events” causes significant pool damage is too conservative and is not justified
 - The timing of the assumed drop is ignored. Most (all?) casks will be handled after Zr fire concerns have passed